

Form PTO-1449 U.S. Dept. Of Commerce Patent & Trademark	Serial No.: to be assigned	Applicant(s): Elias J. Nemer	
<b>Information Disclosure Citation</b> (Use several sheets if necessary)	Examiner: to be assigned	Group Art Unit:	Page 1 of 2

## U.S. PATENT DOCUMENTS

*Exm. Intl	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	Filing Date if Appropriate
<del>DA</del>	5,485,522	Jan. 16, 1996	Solve et al.			
<del>DB</del>	4,811,404	Mar. 7, 1989	Vilmur et al.			
<del>DC</del>	5,485,524	Jan. 16, 1996	Kuusama et al.			
<del>DD</del>	5,432,859	Jul. 11, 1995	Yang et al.			
<del>DE</del>	5,406,635	Apr. 11, 1995	Jarvinen			
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## FOREIGN PATENT DOCUMENTS

*Exm. Intl	DOCUMENT NO.	DATE	COUNTRY	CLASS	Sub-Class	Translation Yes - No
<del>DN</del>	EP 0,588,526 A1	March 23, 1994	European Patent			[ ] [ ]
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P						[ ] [ ]
Q						[ ] [ ]
R						[ ] [ ]

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<del>DS</del>	O. Cappe, "Elimination of the musical noise phenomena with the Ephraim and Malah noise suppressor", IEEE trans. On speech and audio processing, Vol. 2, No. 2, April 1994, pp. 345-349.
<del>DT</del>	Y. Ephraim and D. Malah. "Speech enhancement using a minimum mean-square error short-time spectral amplitude estimator" IEEE trans. ASSP, Vol. ASSP-32, pp. 1109-1121, Dec. 1984.
<del>DU</del>	B. Moore and B. Glasberg. "Suggested formulae for calculating auditory-filter bandwidths and excitation patterns", Journal Acoustical Society of America., Vol. 74, No. 3, Sept. 1983, pp. 750-753.
<del>DS</del>	J. Sohn, N. Kim, W. Sung. "A statistical model-based voice activity detection", IEEE Signal Processing Letters, Vol. 6, No. 1, Jan. 1999, pp. 1-3.

Examiner:

David S. Kuz

Date Considered:

17 Mar 2005

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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<input checked="" type="checkbox"/> S	Yang, "Frequency domain noise suppression approaches in mobile telephone systems", Proc. ICASSP 1993, pp. 363-366.
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V	

Examiner: <i>Daniel S. Z...</i>	Date Considered: <i>17 Mar 2005</i>
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